

# The LongPath

A North Alabama DX Club Publication

## From the President

I hope everyone had a chance to go to the Huntsville Hamfest. I thought it was much better attended this year. I was happy that we had 2 other card checkers besides Mike, K4ADK and I this year. One of our card submittals had over 300 cards. Most of those cards were very old. I also received great feedback on the Honor Roll plaques we had at the card checker tables. Our NADXC club members contributed a tremendous amount of time and leadership that resulted in a great hamfest. Mark, N4BCD chairman, Kelley, W4VPZ treasurer, Tom, KG4CUIY forums, Warren, K4MMW hospitality and Jim, N4KH flea market did a great job leading they hamfest. Let them know how much you appreciated their effort. I look forward to having some of the forums presented at our club meetings. We had so many volunteering that most of the forums were not seen by our members and many of them were done by our members Bob K8KI, Bruce AC4G, John N5DF, Kim WG8S and Rob KB5EZ.

I was very pleased with the prizes we had for the banquet this year. We had some new companies that donated prizes this year. I would like to thank Rob KB5EZ for helping me obtain the prizes this year. Please let our major donors GigaParts, Yaesu, Heil, Diamond Antennas, and Radiosport know you appreciated their donation. The DX Club Banquet was enjoyed by everyone

based on both solicited and unsolicited feedback I received. They liked the new location closer to the hamfest, really liked the new food caterer, thought we had amazing door prizes and enjoyed Jim, our speaker. I really appreciated all the effort Kelley, W4VPZ put in arranging the venue and with ticket sales. I was surprised everyone enjoyed the banquet because during about half the event we had no power. The door prizes were all drawn in the dark and Jim started his talk in the dark. The VBCC had a large charity event going on at the VBCC and they could not continue without the PA system. I just had to speak up. I was very happy for John, N5DF that he won the FTDX-1200 main prize. It was certainly a banquet he won't forget.



Cont'd on p. 2

## How Electromagnetics Works

September Program by Hans Schantz, KC5VLD

It turns out there's reason behind the magic of radio! In a reprise of his hamfest forum, Dr. Hans Schantz, KC5VLD will give a perhaps unfamiliar but refreshing twist (or is that curl?) on the very basis of our hobby. See p. 3 for a synopsis. Get to Newk's at 6:00 or a bit before for dinner, business meeting at 6:30, and Hans's program at 7:00.



### Special points of interest:

- From the President
- September Program
- Treasurer's Report for August
- 2016-2018 Banquet Comparison
- Program Synopsis
- August Meeting Minutes
- Door Prize Donor Thanks

### How to Join

- \* Come to a club meeting;
- \* or send in an application by mail (form on [www.NADXC.org](http://www.NADXC.org))
- \* or call Tom Duncan at (256)705-2147

## From the President

(cont'd from p. 1)

I was also pleased with the results of our NADXC flea market table at the hamfest. We sold \$1630 worth of Tom's estate at the hamfest. A special thanks goes to Mike, KF4BOG that spent a significant amount of time at the table. He has discovered the "Art of the Deal." About \$500 worth was sold Friday before the hamfest started and about \$1000 on Saturday. What we had left on Sunday was very difficult to sell. I am amazed at the added value from just cleaning the things we sold. We owe a lot to Bob, K8KI that has spent a significant amount of time cleaning, repairing, and testing the equipment. Bob and I split the leftover equipment to take home. Bob managed to at least give away the equipment he had. It was worthless. Most of what I had with one exception was worthless (no one made an offer on these items priced less than \$5.) The only remaining items of value now are the towers and perhaps some antennas at Tom's home that did not sell in the first yard sale. We can discuss some alternatives to sell these items at this month's club meeting such as another yard sale. I got great satisfaction that equipment that had not been used for 10-50 years now has a new home and will be used again. We have made a lot of people very happy with the deals they got. I was particularly happy that 4 tuners and a station monitor will be going to some young hams.

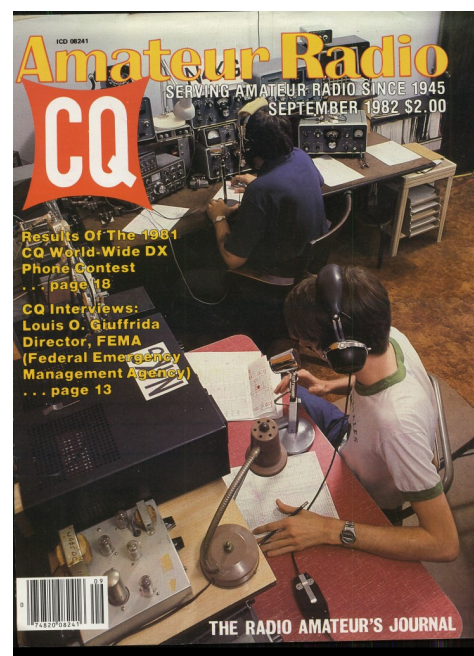


I did get to meet Joe Veras, K9OCO at the hamfest. He wrote the history of ARRL advertising from 1915 to today. He is a professional photographer and has taken many of the station pictures you see in CQ magazine. He sent me one he took while contesting with Tom, N4KG and Tim Pearson, KU4J. It was on the cover of CQ magazine in September 1982. What is amazing to me it shows the Collins 75S-3B that I have restored in that picture. Tim is up front with Tom in the rear and the 75S-3B is on the right. In the 1981 CQWW phone contest they worked multi-single and made 2,182,275 points.

Rob will be standing in for me during the September meeting since I have a business commitment. I am disappointed I will miss Hans Schantz's program on Electromagnetic Waves. He is our second guest speaker this year and

gave a forum on this subject at the hamfest. Hans, KC5VLD has published a book on Ultra-Wideband Antennas and works with electric and magnetic field antennas at Q-Track.

73 Steve AG4W



## Treasurer's Report for August, 2018

By Kelley Johns, W4VPZ, NADXC Secretary/Treasurer

Beginning Balance .....	\$ 8,860.44
Credits	
Banquet Tickets .....	\$ 1,509.79
N4KG Estate Sales .....	\$ 1,825.20
Member Dues.....	\$ 15.04
K4XH memorial donation (HAYLARC) .....	\$ 50.00
Debits	
Banquet .....	-\$ 3,162.25
Amateur Youth/Year Plaque .....	-52.31
Ending Balance .....	\$ 9,045.91

## 2016, 2017, and 2018 NADXC Banquet Comparison

	2018 106 tickets	2017 96 tickets	2016 82 tickets
Income			
Cash/check	\$534.00	\$646.00	\$1,064.00
Sales via PayPal	\$3,120.43	\$2,718.02	\$1,839.28
<b>Total Income</b>	<b>\$3,654.43</b>	<b>\$3,364.02</b>	<b>\$2,903.28</b>
Expenses			
Served meal cost	\$(2,194.50)	\$(2,432.74)	\$(2,052.26)
Room / facility rental	\$(200.00)	\$(226.00)	\$(226.00)
Banquet Service Charge	\$(526.79)		
Sales Tax	\$(240.96)		
Speaker's hotel room	\$(243.20)	\$(147.90)	\$(282.24)
Speaker's air & other	\$(384.14)		
Club-sponsored door prizes			
FTdx1200		\$(300.00)	\$(200.00)
Vibroplex key		\$(101.90)	\$(149.27)
Yamaha headset			\$(59.99)
DX Clock and Bag Chair		\$(57.85)	
<b>Total Expenses</b>	<b>\$(3,789.59)</b>	<b>\$(3,266.39)</b>	<b>\$(2,969.76)</b>
<b>Net (profit / loss)</b>	<b>\$ (135.16)</b>	<b>\$97.63</b>	<b>\$ (66.48)</b>

## How Electromagnetics Works By Hans Schantz, Ph. D., KC5VLD

Following is the 2018 Huntsville Hamfest Forum synopsis for Hans' program:

This talk explains how electromagnetics works by explaining near or reactive fields in a (mostly) non-mathematical fashion. Ideal radiation or "far-field" electromagnetic waves have a balance of electric and magnetic energy. As waves interact with material objects or even other waves, the energy they convey slows down and even changes direction. Understanding

the nature of this balance along with a few basic concepts like field impedance and energy velocity makes the mysteries of antennas and other electromagnetic behavior more comprehensible. This novel perspective will be useful for professional engineers and scientists, and informative for novices interested in understanding how the world works.

### NADXC Officers and Directors

President	Steve Werner, AG4W
Vice President	Rob Suggs, NN4NT
Secretary/	Kelley Vann-Johns, W4VPZ
Treasurer	
At-large	Kevin Hibbs, KG4TEI
Directors	Tom Duncan, KG4CUY

## August 14th Meeting Minutes

By Rob Suggs, NN4NT, NADXC Vice President

### Members in Attendance 24

### Review of Sign in sheet and DX worked

Bob KC4TNC ZF1RC and XE2AT on 6m

Rob NN4NT (ex-KB5EZ)  
UX, UT and RZ on 30m

Al W4ABW DU2US, UA3KW, OH0Z

Walt AJ6T 6m meteor scatter

Stephen KK4TJP A45XR on 30m (ATNO),  
S01 on 15m

### Announcements

Steve AG4W discussed ho-hum propagation and disappointing meteor scatter activity for Perseids. Steve announced the sad news that Nancy Morris is now a silent key. The club voted unanimously to purchase a brick for the ARRL Diamond Terrace memorial in her honor. Steve discussed the N4KG estate equipment which will be on sale at a hamfest table. He reminded those

who have bought estate equipment to be sure to pay Kelley. He also needs help for the DX card checking and a sign-up sheet was circulated. Help is also needed at the club flea market table where the N4KG equipment will be on sale. Steve discussed banquet ticket sales: 98 have been sold and that there are a few remaining for sale. Bob K8KI will pick up the speaker Jim K9JF at the airport. Robby at Gigaparts has confirmed with Yaesu on the grand prize FTDX 1200 with no cost to the club. Bob Heil donated a Pro7 headset following an e-mail request by Rob NN4NT. M.D. WA4DXP donated a DX Engineering clock from the

Steve reported that he, Bob and Warren got all remaining equipment from N4KG's shed. 4 of the 5 Tektronix oscilloscopes were dead and not worth repairing. Tim AB4B still wants the aluminum tower sections.

The club voted Craig "Ghee" Fry WL7C into membership. Welcome Ghee!

Tim AB4B discussed the AL QSO party coming up on Sept. 1. There have been rule changes allowing credit for AL stations working other AL counties. He said that there is a push to get rovers to activate each county. Tim also announced the AL Contest Group luncheon at 1:30 Saturday during the Hamfest at the restaurant in the Embassy Suites

Stephen KK4TJP is still collecting QSL cards for the outgoing bureau.

Craig NM4T announced that he has a tricked out Elecraft K3 and P3 panadapter for sale and is looking for a home for his Rohn tower.

The meeting was adjourned to a program by Tom KG4CUY previewing the upcoming Hamfest forums.

Respectfully submitted, Rob NN4NT standing in for Secretary/Treasurer Kelley W4VPZ.

## 2018 NADXC Banquet Doorprize Donors

The NADXC wishes to thank the following for their gracious donations of doorprizes for the 2018 Banquet.

**Yaesu** and **GigaParts** – grand prize – FTDX 1200 transceiver – won by N5DF

**Heil Sound** – 2<sup>nd</sup> prize – Pro 7 Headset – won by K4NKP

**Ham Radio Outlet** – 3<sup>rd</sup> prize – SDRPlay RSP2 – won by K14AJZ

**ABR Industries**

**ARRL**

**Batteries America**

**CoolTravelStuff.com**

**CQ Magazine**

**Diamond Antennas**

**DX Daily**

**Gifts4Hams**

**Gold Medal Ideas**

**K1ZN**

**LNR Precision**

**Mastrant**

**MFJ Enterprises**

**N3FJP Software**

**N3ZN Keys**

**R&L Electronics**

**Radio Sport Headsets**

**Tower Electronics**

**WBOW Inc.**

**Wired Communications**

**The Wireman**

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